

REMOTE CONTROL SYSTEM

RC-95



INSTRUCTION MANUAL

KENWOOD

TRIO-KENWOOD CORPORATION

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87/6 5 4 3 1 86/12 11 10 9 8 7 6 5 4 3

Rear panel safety precautions

<div>CAUTION</div> <div>RISK OF ELECTRIC SHOCK</div> <div>DO NOT OPEN</div>	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.
	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure; that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your dealer for information or service on this product.

Model \_\_\_\_\_ Serial number \_\_\_\_\_

## Unpacking

Unpack the unit carefully and make sure that all accessories and cables are put aside so they will not be lost.

Examine the unit for any possibility of shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend that you retain the original carton and packing materials for use should you transport or ship the unit in the future.

Be careful not to incline the RC-95 toward you with the remote control unit stored in. The remote control unit may drop off from the main unit.

## Before applying power

### Important!

#### U.S.A., Canada, U.K., and Australia

Units shipped to the U.S.A. and Canada are designed for operation on 120 volts AC only. Units shipped to the U.K. and Australia are designed for operation on 240 volts AC only. These units are not equipped with an AC voltage selector switch and the discussion of such a switch that follows should be disregarded.

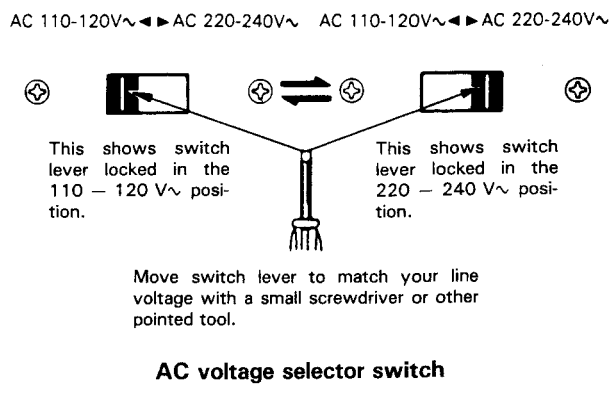
#### All other countries

Units shipped to countries other than the U.S.A., Canada, U.K., and Australia are equipped with an AC voltage selector switch on the rear panel. Refer to the following paragraph for the proper setting of this switch.

### AC voltage selection

This unit operates on 110 — 120 or 220 — 240 volts AC. The AC voltage selector switch on the rear panel is set to the voltage that prevails in the area to which the unit is shipped. Before connecting the power cord to your AC outlet, make sure that the setting position of this switch matches your line voltage. If not, it must be set to your voltage in accordance with the following direction.

**Note:** Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.



### For United Kingdom

The mains plug must be removed from the wall socket prior to any internal examination.

#### Important

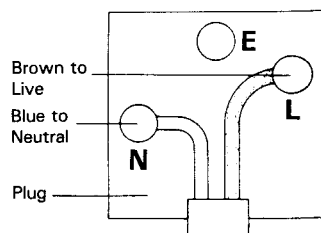
The wires in this mains lead are coloured in accordance with the following code:

Blue ..... Neutral  
Brown ..... Live

The wires in this mains lead must be connected to the terminals in the plug as follows:

#### Wire colour                      Plug terminal marking

Blue ..... N or Black  
Brown ..... L or Red



#### Notes:

- 1) If a 13-amp plug is used, this must be fitted with a 5-amp fuse.
- 2) If a 3-pin plug with earthing contact is used, no wire must be connected to the E terminal.

#### Safety precaution for AC plug (For U.S.A. and Canada)

**CAUTION:** TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

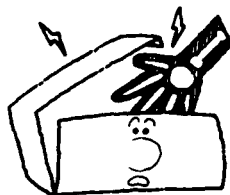
### WARNING:

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

# Before operation

## Safety precautions

Never remove the case. If the internal parts are touched accidentally, a serious electric shock might occur.



Never touch internal parts.

If a metal object, such as a hair pin or a needle, comes into contact with the power socket on the rear panel, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.

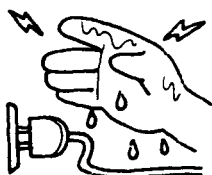


Do not connect other audio equipment with a power consumption larger than that specified to the AC outlet on the rear panel. Never connect other electrical appliances, such as an iron or toaster.



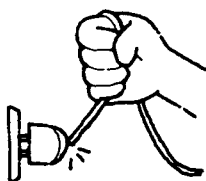
Never connect other electrical appliances.

Touching the power plug when your hands are wet may result in a serious electric shock.



Never touch with wet hands.

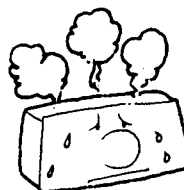
Never pull, bend or extend the power cord. This could damage the power cord, resulting in a broken cord or short-circuit.



Never pull or stretch the cord.

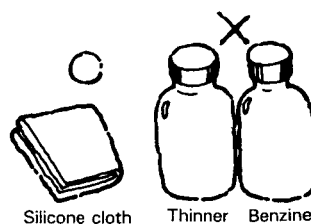
## In case of abnormal smell

If an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service station.



## Cleaning

Do not use volatile solvents such as alcohol, paint thinner, gasoline, benzine, etc. to clean the cabinet. Use a silicone cloth or a clean dry cloth.



## Installation precautions

- Avoid locations subject to direct sunlight.
- Avoid high or low temperature extremes.
- Keep the unit away from heat radiating sources.
- Choose a location that is relatively free of vibration or excessive dust.
- Make sure power is off before making any system connections.

### Notes

- When the power plug is connected to an AC outlet, this unit enters the power standby mode and the indicator lights. At that time, the unit can be operated only with the **POWER** key of remote control transmitter.

First, enter the unit to the power on mode with the **POWER** key of remote control transmitter, and operate with the other keys.

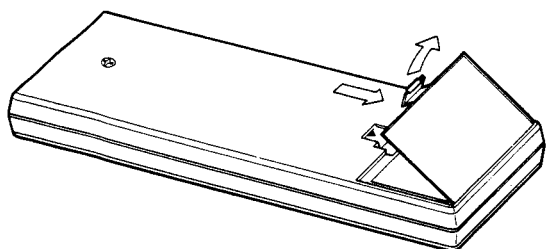
- When the volume control of the control amplifier (KC-105) is not increased, the **VOLUME** keys of the remote control transmitter does not function.

Set the volume control to "5" to "7", then operate the **VOLUME** keys of the remote control transmitter.

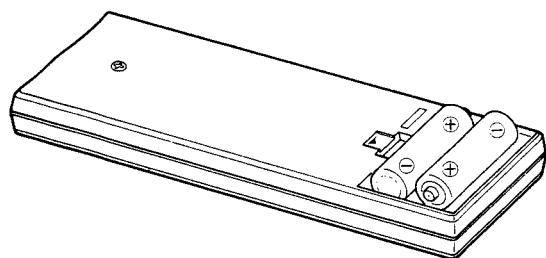
When the volume control of the control amplifier (KC-105) is set to "8" to "10", sound may be distorted.

## Installing the battery on the remote control unit

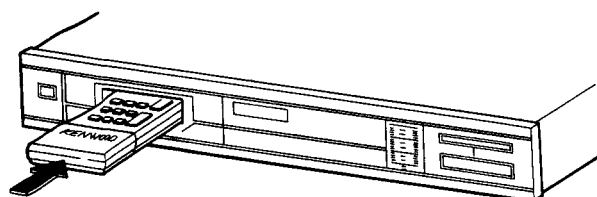
1. Remove the battery compartment cover.



2. Insert two size "AA" (R6) batteries confirming the correct polarity and close the cover in its place.

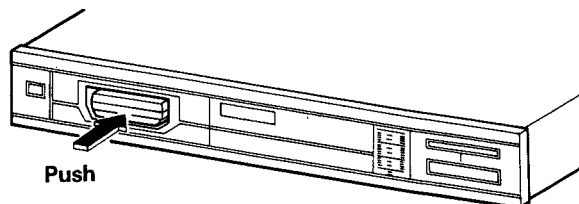


## How to store the remote control unit



Insert the remote control unit until the click sound is heard.

## How to take out the remote control unit

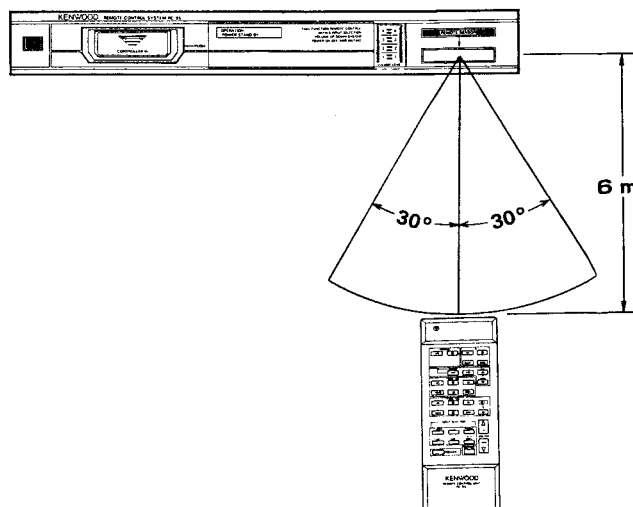


Push once and release your finger, the remote control unit is slightly popped out, then pull it out with your hand.

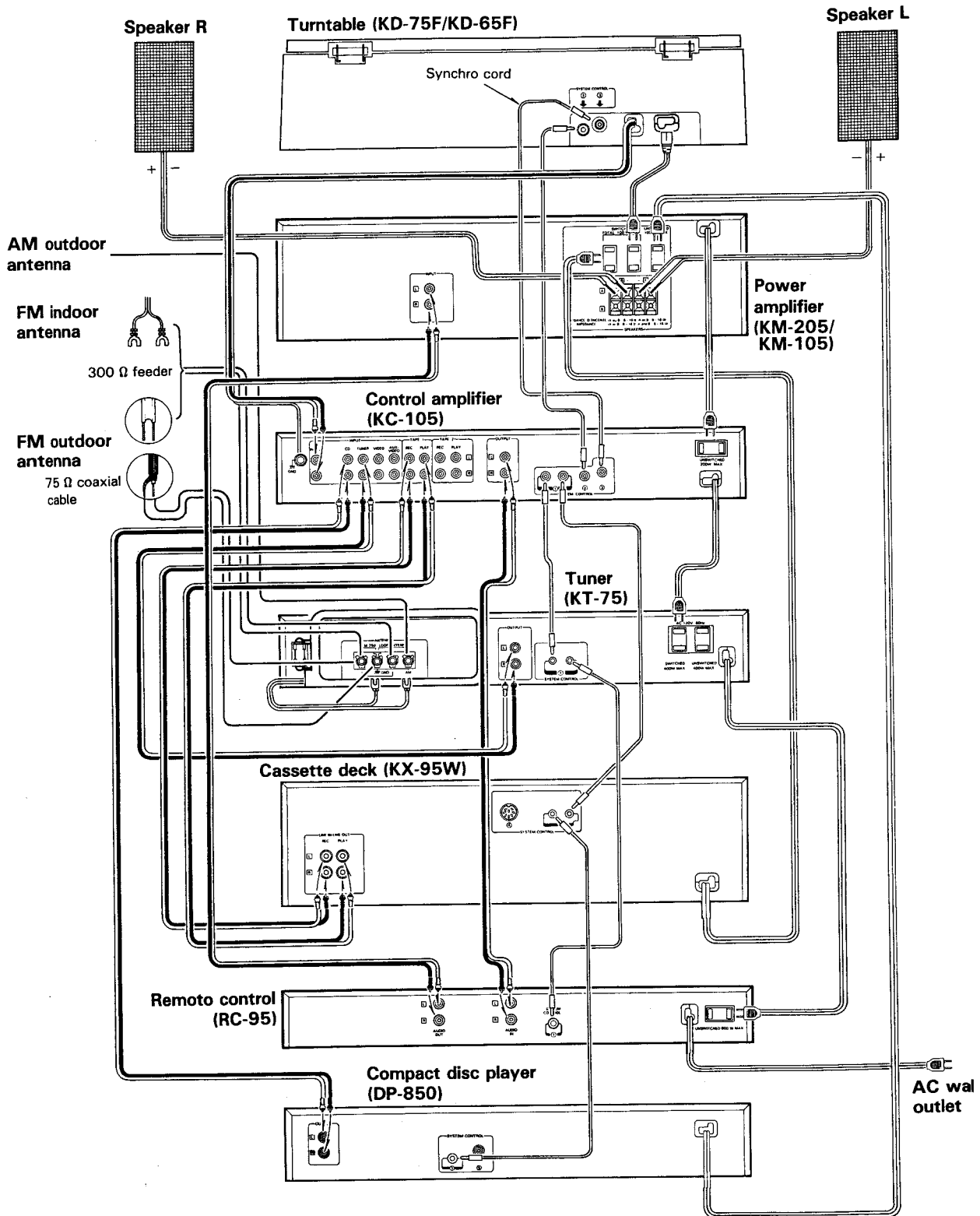
When the main unit is moved by pushing the remote control unit, stick the provided high-grip spacer on the insulator.

## Usable range of remote control unit

The usable range of the remote control unit may differ on temperature, humidity or using conditions, however, it is defined approximately as shown in the figure below:



# An example of synchro connection



Using the supplied miniplug cord, connect the System Control terminal on the rear panel of the RC-95 to the System Control terminal on the rear panel of the KC-105 (Control amplifier), then connect each audio terminal between the KC-105 (control amplifier) and the KM-105/205 (power amplifier).

**Connect the synchro cord securely.**

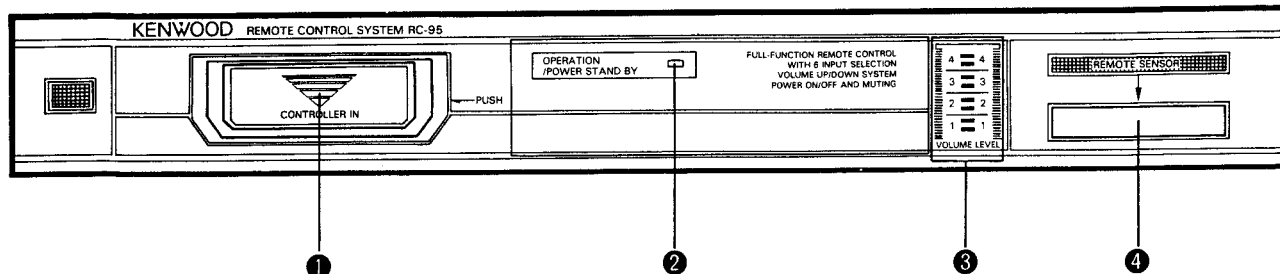
## AC outlet (Except some areas)

The AC outlet on the rear panel can be used to supply power to other component in the system. Normally, connect this AC outlet as shown in this connection diagram.

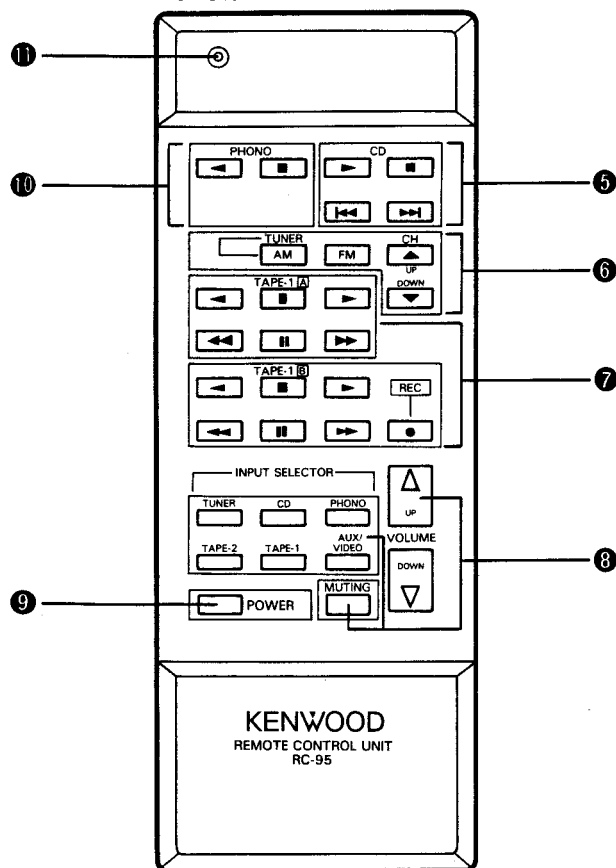
**UNSWITCHED outlet:** The outlet provides power when the unit is plugged into an active AC wall outlet, regardless of the setting of the POWER switch. The maximum capacity is 800 watts.

# Controls and indicators

Remote control main unit front panel



Remote control unit



## Note for remote control operation

After pressing one of operation keys, when the next operation is required, press the next operation key firmly after approx. 1 second interval. When the next operation key is pressed immediately after the previous key, it may cause mis-operation.

### ① Remote control unit storage slot

Insert the remote control unit (transmitter) into this slot when not in use.

### ② Operation indicator (OPERATION/POWER STANDBY)

When the power plug is connected to the AC outlet, the unit enters to the power standby mode and the indicator lights.

This indicator blinks when a key on the remote control transmitter is pressed and its infrared signal is received by the main unit.

#### Note:

During the power off condition with its AC plug connected, no key is accepted other than the POWER key.

### ③ VOLUME LEVEL indicator

This indicated the level of the electronic volume on the main unit.

When the MUTE key is pressed, the volume level is attenuated by 20 dB and the LEVEL indicator blinks.

When the POWER switch is set to ON with the POWER connected first, VOLUME LEVEL indicators 1 and 2 light.

The volume level of the main unit has been set to -58 dB. As the preset sound level is relatively low to protect speakers, increase it in case of necessity in actual operation.

The volume levels indicated by the LEVEL indicator are as follows.

When LEDs 1 are lit: -76 to -60 dB

When LEDs 1 to 2 are lit: -58 to -40 dB

When LEDs 1 to 3 are lit: -38 to -20 dB

When LEDs 1 to 4 are lit: -18 to 0 dB

- The volume is maximum at 0 dB. As shown above, the volume is not always maximum even when LEDs up to 4 are lit.

### ④ Infrared remote control sensor (REMOTE SENSOR)

Operate the remote control unit with its front toward this sensor position.



# In case of difficulty

What may seems to be a serious malfunction is not always so. Before calling for service, check the following according to the symptom.

Symptom	Cause	Remedy
Remote control unit does not function.	<div>1. Batteries are exhausted.</div> <div>2. Stereo mini plug cord is disconnected from the rear panel terminal.</div> <div>Note: _____ When the RCA pin cords are not connected to this controller, remote controller does not function.</div> <div>3. Operating position is too distant from the main unit (infrared sensor).</div> <div>4. Record, tape or compact disc is not loaded on the component desired to be played.</div> <div>5. Cassette deck desired to play is in use for recording.</div>	<div>1. Replace the batteries with new ones.</div> <div>2. Connect it firmly.</div> <div>3. Use the remote control unit (transmitter) within an operable area.</div> <div>4. Set the desired source on the component.</div> <div>5. Wait until the recording is over.</div>
Volume level is not increased.	<div>1. Volume exceeds the level set at the control amplifier.</div> <div>2. Muting is activated.</div>	<div>1. Raise the level on the control amplifier.</div> <div>2. Release it.</div>

# Specifications

## Audio

Input sensitivity/Impedance ..... 150 mV/100 kΩ  
Gain..... 0 dB (VR. MAX.)  
Output level/Impedance ..... 150 mV/1 kΩ

## Remote control

Maximum remote-controllable distance ..... 6 m (on an axis of optical sensor)  
Remote control system ..... Infrared control system  
Power requirements for remote control transmitter ..... DC 3 V  
Power consumption ..... 3 W  
AC outlet ..... UNSWITCHED × 1 (Except some area)  
Dimensions ..... 420 (W) × 59 (H) × 223 (D) mm  
(16-9/16" × 2-5/16" × 8-3/4")  
Weight (Net)..... 1.5 kg (3.3 lb)  
Accessories..... Synchro cord  
Remote control transmitter unit  
Size "AA" (R6) battery × 2

Note: \_\_\_\_\_  
We follow a policy of continuous advancements in development. For this reason specifications may be changed without notice.